

## Message Text

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PAGE 01 MOSCOW 04928 121607Z  
ACTION EUR-12

INFO OCT-01 ISO-00 OES-06 AGRE-00 AID-05 CEQ-01  
CIAE-00 ERDA-07 COME-00 DODE-00 EB-08 EPA-04  
INR-07 IO-13 L-03 NSF-02 NSC-05 NSAE-00 PM-04  
USIA-15 SS-15 SP-02 FEAE-00 INT-05 /115 W  
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R 121430Z APR 77  
FM AMEMBASSY MOSCOW  
TO SECSTATE WASHDC 6157  
INFO AMCONSUL LENINGRAD

UNCLAS MOSCOW 4928

DEPT PASS EPA FOR STROTHER

DEPT PASS DOA FOR FAS/EULER FOR INFO

E.O. 11652: N/A  
TAGS: TGEN SENV UR US  
SUBJECT: US-USSR ENVIRONMENTAL AGREEMENT: AGRICULTURAL PRODUCTION-  
PESTICIDES AND CHEMICAL TRANSPORT (02.0331)

1. EMBASSY HAS RECEIVED LETTER DATED 17 MARCH FOR DUTTWEILER FROM  
MALAKHOV. INVORMAL TRANSLATION OF TEXT FOLOWS.

2. BEGIN QUOTE. THANK YOU FOR THE SCIENTIFIC MATERIALS, ENGLISH VERSI  
ON  
OF THE PROTOCOL, COMMUNIQUE, AND ESPECIALLY FOR THE TRASNACTIONS OF T  
HE  
CONFERENCE ON THE ENVIRONMENT MODELLING YOU HAVE SENT TO US. THESE  
TRANSACTIONS GIVE AN IDEA OF THE STATE OF THIS PROBLEM IN THE USA AND  
,  
UNDOBUTEDLY, WILL BE VERY USEFUL.

2. IN THE NEAR FUTURE WE PLAN TO SEND YOU THE TEXTS OF SOVIET REPORTS  
OF  
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PAGE 02 MOSCOW 04928 121607Z

OUR JOINT SYMPOSIUM IN TBILISI. UNFORTUNATELY, WE COULD NOT DO THIS  
EARLIER BECAUSE OF TRANSLATION DIFFICULTIES. ON THE OTHER HAND, WE AS  
K  
THAT YOU EXPEDITE FORWARDING TO US TEXTS OF THE AMERICAN REPORTS. WE  
HAVE TO TRANSLATE THESE REPORTSINTO RUSSIAN AND TO PASS THEM TO THE  
PUBLISHING HOUSE IN EARLY MAY.

3. IN THE LETTER OF JANUARY 31 YOU MADE A NUMBER OF PROPOSALS CONCERNING THE EXCHANGE OF SPECIALISTS FOR THIS YEAR. WE ARE GLAD TO REPORT THAT ALL THE PROPOSALS ARE OF INTEREST TO SOVIET SPECIALISTS. ON MY PART, I SUGGEST CONDUCTING SOVIET SCIENTISTS' VISITS TO THE USA IN MAY-JUNE (2-3 PERSONS FOR 20 DAYS) AND IN NOVEMBER (2-3 PERSONS FOR VIE DAYS). I THINK THAT THE VISIT OF THE AMERICAN SCIENTISTS TO THE USSR COULD TAKE PLACE BETWEEN THE TWO ABOVE VISITS-FOR EXAMPLE, IN AUGUST OR SEPTEMBER. I THINK THAT THE PROGRAM OF THE AMERICAN SPECIALISTS' VISIT IN THE USSR AND THE SOVIET SPECIALISTS' VISIT IN THE USA IN AUTUMN COULD BE DISCUSSED BY US DURING THE PREVIOUS MEETINGS IN THE USA AND USSR, RESPECTIVELY. I SHOULD NOW LIKE TO DWELL ON THE QUESTION OF THE TWO SOVIET SPECIALISTS' VISITS TO THE USA IN SPRING.

4. WE ARE INTERESTED IN YOUR SUGGESTION OF VISITING ATHENS AND USING THE INSTALLATIONS THERE. IF YOU AGREE AND IF IT IS TECHNICALLY POSSIBLE, WE SHOULD LIKE TO CARRY OUT AN EXPERIMENT WITH THE HELP OF OUR AMERICAN COLLEAGUES ON A LARGE MODEL OF AN AQUAEcosystem IN ORDER TO STUDY SELF-CLEANING FEATURES OF WATER POLLUTED WITH 3,4 DICHLOROANILINE (3,4 DCA) AS A FUNCTION OF ILLUMINATION, AERATION INTENSITY, PH INDEX. THE SUBSTANCE 3,4 DCA IS A TOXIC AND RATHER PERSISTENT METABOLITE OF PROPANIDE - A HERBICIDE USED IN THE USA AND THE USSR ON RICE FIELDS. THAT IS WHY A SEARCH FOR OPTIMUM CONDITIONS OF PERLIMINARY STORAGE OF SEWAGE WATER WHICH PROVIDES MAXIMUM DECOMPOSITION OF 3,4 DCA IS OF MUTUAL INTEREST TO OUR

UNCLASSIFIED

PAGE 03 MOSCOW 04928 121607Z

COUNTRIES.

5. AT M.S. SOKOLOV'S LABORATORY SOME INVESTIGATIONS HAVE BEEN CARRIED OUT OF PROCESSES OF WATER SELF-CLEANING FROM THE ABOVE-MENTIONED POLLUTANT IN SMALL VOLUMES. THE OBTAINED DATA AND THE HIGH LEVEL OF AUTOMATIZATION OF MEASUREMENTS IN YOUR LABORATORY ENABLE US TO HOPE THAT THE INVESTIGATIONS CAN BE CARRIED OUT IN THE COURSE OF THE TEN-DAY EXPERIMENT WHICH IS SUPPOSED TO INCLUDE TEN VARIANTS:

- (1) WITHOUT TURBULENCE, PH-7, WITHOUT LIGHTING;
- (2) WITHOUT TURBULENCE, PH-7, WITH LIGHTING;
- (3) WITH TURBULENCE, PH-7, WITHOUT LIGHTING;
- (4) WITH TURBULENCE, PH-7, WITH LIGHTING;
- (5) WITH TURBULENCE, PH-4, WITHOUT LIGHTING;
- (6) WITH TURBULENCE, PH-4, WITH LIGHTING;
- (7) WITH TURBULENCE, PH-10, WITHOUT LIGHTING;
- (8) WITH TURBULENCE, PH-10, WITH LIGHTING.

6. WE PLAN TO ADD TWO MORE VARIANTS ON THE RESULTS OF THIS SET OF TESTS.

TS

UNDER EXPERIMENTAL CONDITIONS. THE DURATION OF EACH TEST IS ONE DAY.

7. SUCH IS ROUGHLY THE PLAN OF THE EXPERIMENT WHICH CAN BE SET UP IF  
YOU

SO AGREE. I THINK THE RESULTS OF THIS EXPERIMENT WILL BE DISCUSSED  
DURING OUR JOINT MEETING IN THE USSR.

8. WE SHOULD ALSO LIKE TO DISCUSS POSSIBILITIES OF OUR JOINT  
EFFORTS ON DEVELOPMENT OF PHYSICO-MATHEMATICAL MODELS DURING OUR VISIT  
IN SPRING. END QUOTE. LETTER POUCHES EUR/SOV/EXCHANGES.  
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## Message Attributes

**Automatic Decaptioning:** X  
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**Control Number:** n/a  
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**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
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